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ABSTRACT

This subject guide, prepared for the METRO Sci-Tech Cooperation Discussion Group, is a bibliographic tool which will aid in the acquisition and use of scientific publications, particularly periodicals. A list of approximately two hundred periodical subject categories which cover science, technology, and medicine is given. The guide shows the number of current periodical titles which each of the 11 participating libraries subscribes to in each subject category. The purpose of the guide is to enable librarians at particular institutions to identify: (1) other libraries with similar subject emphases; (2) periodical resources at other institutions which may be needed at their institutions to support new programs for which they lack the resources; (3) specialized book collections in other libraries; and (4) strength and weaknesses in their own collections. It will also allow libraries to work out cooperative agreements for acquisition responsibilities and shared use. A list of participating libraries and an index of subject terms are included.

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METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

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METRO SCI-TECH COOPERATION DISCUSSION GROUP

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

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METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

PARTICIPATING LIBRARIES

<u>SYMBOL</u>	<u>LIBRARY</u>	<u>TITLES</u>
NBC	Brooklyn College Library	900+
NBP	Pratt Institute Library	215
NFQC	Queens College Library	1,068
NNCoCi	City College Library	1,321
*NNHuC	Hunter College Library	608
NNE	Engineering Societies Library	1,600
NNU	New York University. Elmer Holmes Bobst Library	1,557
NNU-CI	New York University. Courant Institute of Mathematical Sciences Library	580
**NjMSC	Montclair State College	448
NjN	Newark Public Library	466
NjTeaf	Fairleigh Dickinson University Libraries, Teaneck	1,360
		11,723

*Includes branch libraries.

**Data given for broad categories only.

PREFACE

Because of the importance, number, diversity of content, and substantial expense of scientific and technical periodicals, the development of an effective program for their cooperative acquisition and use has been one of the highest priorities of the METRO Sci-Tech Cooperation Discussion Group. The lack of adequate bibliographic tools--such as a regional union list of periodicals--has made it difficult to work out such a program in the METRO region. The METRO Census of Scientific and Technical Periodicals, while not a substitute for a union list, is a bibliographic tool which, we believe, will help to foster cooperation in the acquisition and use of scientific publications, especially periodicals. The Census is a list of about two hundred periodical subject categories which cover science, technology, and medicine. It is arranged by broad Library of Congress classification sections. The Census shows the number of current periodical titles which each participating library subscribes to in each subject category.

The Census is a subject guide to the scientific and technical periodical collections of participating libraries. It will enable librarians at particular institutions to identify: 1) other libraries with similar or complementary subject emphases; 2) periodical resources at other institutions which may be needed at their institutions to support new programs for which they lack the resources; 3) identify specialized book collections in other libraries. Librarians can use the Census to assess strengths and weaknesses in their own collections. The Census will also show comparative periodical strengths, weaknesses, and overlap by subject for participating institutions. This kind of information cannot be obtained from a union list of periodicals. Once librarians have identified other libraries with which they might cooperate, they can then proceed to work out experimental or permanent cooperative arrangements. Such arrangements might include divided acquisition responsibility between two or more libraries for specific subject areas, and even for individual periodical titles. Divided acquisition responsibility will lead naturally to shared use agreements, e.g., free exchange of photocopy for periodical articles, and interlibrary loan of books. Some libraries may want to develop reciprocal on-site use arrangements, and even reciprocal circulation of books.

Sources for the subject category terms used in the Census were: the subject categories used for the periodicals indexed in the Science Citation Index; the "Key to Subjects" in Ulrich's International Periodicals Directory; and the Library of Congress and Dewey Decimal classification systems. In addition, lists of periodical subject categories used at their libraries were supplied by Esther Tepper of the Mid-Manhattan Branch of The New York Public Library and Priscilla Teitelbaum of the Elmer Holmes Bobst Library of New York University. The subject categories for mathematics were developed in consultation with Roland Streit of the library of the Courant Institute of Mathematical Sciences of New York University. Subject terms were added, changed, or deleted on recommendations from members of the Sci-Tech Cooperation Discussion Group. The Sci-Tech Group's Task Force on Experimental Cooperation was responsible for initial development of the Census. Members of this Task Force were: Leonard Cohen, Joyce Schaffer, Walter Wolff, and Jackson Cohen, who was Chairman of the Task Force, and who also edited and compiled the Census.

July 1976

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

Q--GENERAL SCIENCE

CYBERNETICS

NBC	5	NNU	7
NFQC	1	NjN	1
NNCoCi	1	NjTeaf	2
NNE	1		

DOCUMENTATION OF SCIENCE
AND TECHNOLOGY

NBC	15	NNHuC	4
NBP	18	NjN	1
NFQC	11		
NNCoCi	22		
NNE	7		

GENERAL SCIENCE

NBC	39	NNHuC	31
NBP	12	NNU	96
NFQC	68	NjMSC	46
NNCoCi	33	NjN	18
NNE	7		

HISTORY OF THE SCIENCES

NBC	4	NNHuC	6
NBP	1	NNU	5
NFQC	8	NjTeaf	2
NNCoCi	4		

SCIENTIFIC APPARATUS AND
INSTRUMENTS

NBC	3	NNHuC	2
NBP	2	NjN	1
NFQC	4	NjTeaf	1
NNCoCi	4		
NNE	27		

TOTALS

NBC	66	NNHuC	43
NBP	33	NNU	104
NFQC	92	NjMSC	46
NNCoCi	44	NjN	22
NNE	106	NjTeaf	8

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QA--MATHEMATICS

ALGEBRA, ARITHMETIC AND
NUMBER THEORY

NBC	4	NNHuC	2
NFQC	8	NNU	1
NNCoCi	3	NNU-CI	36
		NjTeaf	3

ORDINARY AND PARTIAL DIFFERENTIAL
EQUATIONS

NFQC	1	NjTeaf	1
NNCoCi	1		
NNU-CI	21		

APPLIED MATHEMATICS

NBC	7	NNU-CI	101
NBP	3	NjN	6
NFQC	12	NjTeaf	4
NNCoCi	6		

PROBABILITY AND STATISTICS

NBC	11	NNHuC	7
NFQC	8	NNU-CI	25
NNCoCi	4	NjN	2
		NjTeaf	3

TOTALS

COMPUTER SCIENCE

NBC	6	NNHuC	13
NBP	17	NNU	7
NFQC	31	NNU-CI	42
NNCoCi	18	NjN	6
NNE	55	NjTeaf	35

NBC	104	NNHuC	57
NBP	31	NNU	30
NFQC	133	NNU-CI	580
NNCoCi	67	NjMSC	58
NNE	97	NjN	19
		NjTeaf	82

*Includes COMPUTER TECHNOLOGY

GEOMETRY AND TOPOLOGY

NBC	4	NNHuC	2
NFQC	6	NNU-CI	26
NNCoCi	3	NjTeaf	3

MATHEMATICAL ANALYSIS

NBC	5	NNHuC	1
NFQC	3	NNU	3
NNCoCi	5	NNU-CI	141
		NjTeaf	1

MATHEMATICS IN GENERAL

NBC	67	NNHuC	30
NBP	9	NNU	19
NFQC	60	NNU-CI	121
NNCoCi	25	NjMSC	58
NNE	42	NjN	4
		NjTeaf	30

NUMERICAL ANALYSIS AND
OPERATIONS RESEARCH

NBC	1	NNU-CI	37
NBP	2	NjN	1
NFQC	4	NjTeaf	2
NNCoCi	2		

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QB/QC--ASTRONOMY AND PHYSICS

ACOUSTICS

NBC	2	NNHuC	1
NFQC	2	NNU	5
NNCoCi	4	NjN	1
NNE	19	NjTeaf	1

METEOROLOGY

NBC	7	NNHuC	3
NFQC	7	NNU	5
NNCoCi	12	NjN	1
NNE		NjTeaf	3

ASTRONOMY

NBC	6	NNE	2
NBP	1	NNHuC	6
NFQC	6	NNU	23
NNCoCi	10	NjN	4
		NjTeaf	6

NUCLEAR AND PARTICLE PHYSICS

NBC	19	NNE	54
NBP	2	NNHuC	3
NFQC	16	NNU	21
NNCoCi	11	NjN	2
		NjTeaf	6

ASTROPHYSICS

NFQC	6	NNU	5
NNCoCi	4	NjN	1
NNHuC	3	NjTeaf	2

OPTICS

NBC	2	NNHuC	2
NBP	1	NNU	18
NFQC	3	NjN	2
NNCoCi	12	NjTeaf	8

ELECTRICITY AND MAGNETISM

NFQC	1	NNU	21
NNE	107		

PHYSICS IN GENERAL

NBC	40	NNHuC	19
NBP	7	NNU	73
NFQC	51	NjMSC	29
NNCoCi	52	NjN	15
NNE	75	NjTeaf	20

GEOPHYSICS

NBC	13	NNHuC	1
NFQC	6	NNU	7
NNCoCi	9	NjN	1
NNE	11	NjTeaf	7

SOLID STATE PHYSICS

NBC	7	NNHuC	3
NFQC	10	NNU	25
NNCoCi	10	NjN	1
		NjTeaf	5

HEAT

NBC	2	NNU	6
NNCoCi	4	NjTeaf	1
NNE	1		

SPECTROSCOPY (Physics, c.f. Chemical Spect.)

NBC	3	NjTeaf	6
NFQC	3		
NNCoCi	5		

MATHEMATICAL PHYSICS

NBC	3	NNU	1
NNCoCi	9	NjN	1
NNHuC	1	NjTeaf	1

TOTALS

NBC	105	NNHuC	43
NBP	11	NNU	214*
NFQC	122	NjMSC	29
NNCoCi	154	NjN	31
NNE	269	NjTeaf	65

MECHANICS

NBC	1	NNHuC	1
NFQC	1	NNU	2
NNCoCi	12	NjN	2

*Includes two titles in a category not listed

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QD--CHEMISTRY

ANALYTICAL CHEMISTRY

NBC	15	NNB	2
NBP	1	NNHuC	4
NFQC	14	NNU	15
NNCoCi	8	NjN	5
		NjTeaF	5

PHYSICAL AND THEORETICAL CHEMISTRY

NBC	22	NNE	9
NBP	1	NNHuC	8
NFQC	11	NNU	52
NNCoCi	5	NjN	6
		NjTeaF	9

CHEMICAL SPECTROSCOPY

NBC	4	NNHuC	5
NFQC	5	NNU	5
NNCoCi	3		

POLYMER CHEMISTRY

NBC	8	NNHuC	1
NFQC	2	NNU	13
NNCoCi	9	NjN	5
NNE	13	NjTeaF	3

CHEMISTRY IN GENERAL

NBC	38	NNHuC	29
NBP	16	NNU	67
NFQC	42	NjMSC	29
NNCoCi	61	NjN	18
NNE	31	NjTeaF	17

QUANTUM CHEMISTRY

NNCoCi	1	NNHuC	2

TOTALS

NBC	116	NNHuC	67
NBP	20	NNU	229
NFQC	102	NjMSC	29
NNCoCi	116	NjN	43
NNE	66	NjTeaF	48

ELECTROCHEMISTRY

NBC	1	NNE	7
NNCoCi	2	NjN	1

INORGANIC CHEMISTRY

NBC	6	NNHuC	6
NNCoCi	7	NNU	20
		NjTeaF	2

ORGANIC CHEMISTRY

NBC	19	NNHuC	8
NBP	1	NNU	45
NFQC	14	NjN	3
		NjTeaF	6

PHOTOCHEMISTRY

NBC	1	NNHuC	3
NFQC	2	NNU	4
NNCoCi	3	NjTeaF	1

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QE--EARTH SCIENCES

EARTH SCIENCES IN GENERAL

NBC	9	NNHuC	1
NBP	3	NNU	47
NFQC	18	NjMSC	43
NNCoCi	21	NjTeaf	3
NNE	38		

ECONOMIC GEOLOGY

NBC	1	NjN	1
NFQC	1		
NNHuC	1		

GEOCHEMISTRY

NBC	3	NNU	17
NFQC	3		
NNCoCi	2		

GEOLOGY

NBC	19	NNHuC	7
NFQC	38	NNU	5
NNCoCi	27	NjN	4
		NjTeaf	6

MINERALOGY

NBC	6	NNHuC	3
NFQC	13	NNU	6
NNCoCi	4	NjN	1
NNE	6		

OCEANOGRAPHY

NBC	9	NNE	12
NBP	1	NNHuC	5
NFQC	15	NjN	4
NNCoCi	37	NjTeaf	8

PALEOBOTANY

NFQC	1	NNU	2
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PALEONTOLOGY

NBC	5	NNHuC	3
NFQC	18	NNU	13
NNCoCi	3	NjN	1
NNE	2		

PETROLOGY

NBC	4	NNHuC	1
NFQC	3	NNU	4
NNCoCi	3	NjTeaf	1

TOTALS

NBC	56	NNHuC	21
NBP	3	NNU	94
NFQC	110	NjMSC	29
NNCoCi	97	NjN	11
NNE	58	NjTeaf	18

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QH to QR--BIOLOGICAL SCIENCES

ANATOMY AND MORPHOLOGY

NBC	5	NNHuC	4
NFQC	5	NNU	9
NNCoCi	7	NjTeaF	3

BOTANY

NBC	29	NNHuC	1
NFQC	23	NNU	25
NNCoCi	15	NjTeaF	13

ANIMAL BEHAVIOR

NBC	5	NNHuC	6
NFQC	13	NNU	15
NNCoCi	6	NjTeaF	1

CARDIOVASCULAR SYSTEM

NjTeaF	11
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ANIMAL PHYSIOLOGY

NBC	22	NNHuC	6
NFQC	2	NNU	8
NNCoCi	12	NjN	2
		NjTeaF	1

CYTOTOLOGY AND HISTOLOGY

NBC	20	NNHuC	10
NFQC	10	NNU	22
NNCoCi	12	NjTeaF	10

BACTERIOLOGY

NBC	2	NNHuC	2
NFQC	2	NNU	1
NNCoCi	2	NjN	1
		NjTeaF	3

EMBRYOLOGY

NBC	4	NNHuC	1
NFQC	3	NNU	6
NNCoCi	3	NjTeaF	2

BIOCHEMISTRY

NBC	31	NNHuC	19
NFQC	39	NNU	38
NNCoCi	42	NjN	4
		NjTeaF	23

ENDOCRINOLOGY

NBC	2	NNHuC	6
NFQC	3	NjTeaF	9
NNCoCi	13		

BIOLOGY IN GENERAL

NBC	25	NNHuC	12
NFQC	28	NNU	66
NNCoCi	73	NjMSC	93
		NjN	8
		NjTeaF	28

ENTOMOLOGY

NBC	9	NNHuC	1
NFQC	9	NjN	1
NNCoCi	13	NjTeaF	2

BIOMETRY

NBC	2	NjTeaF	1
NNCoCi	2		
NNHuC	2		

NBC	2	NNU	3
NNHuC	2	NjTeaF	1

BIOPHYSICS

NBC	5	NNHuC	5
NFQC	3	NNU	16
NNCoCi	3	NjTeaF	7

EXPERIMENTAL BIOLOGY

NBC	1	NNHuC	6
NFQC	4	NjN	4
NNCoCi	3	NjTeaF	1

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QH to QR--BIOLOGICAL SCIENCES (Continued)

GENETICS AND HEREDITY

NBC	16	NNHuC	17
NFQC	29	NNU	11
NNCoCi	18	NjN	2
		NjTeaf	14

ORNITHOLOGY

NFQC	5	NjN	3
NNCoCi	3	NjTeaf	2

HUMAN ANATOMY AND PHYSIOLOGY

NFQC	15	NNU	36
NNCoCi	6	NjTeaf	21

NEUROBIOLOGY

NBC	16	NNHuC	13
NFQC	1	NNU	2
NNCoCi	1		

IMMUNOLOGY

NBC	2	NNHuC	2
NFQC	2	NNU	14
NNCoCi	7	NjTeaf	6

PARASITOLOGY

NBC	5	NNU	1
NFQC	4	NjTeaf	2
NNCoCi	5		

LIMNOLOGY

NFQC	4	NjTeaf	1
NNHuC	1		

PHYSICAL ANTHROPOLOGY

NFQC	1	NjN	2
NNHuC	7	NjTeaf	4

MICROBIOLOGY

NBC	2	NNU	15
NFQC	14	NjN	1
NNCoCi	11	NjTeaf	11
NNHuC	3		

PHYSIOLOGICAL PSYCHOLOGY

NFQC	30	NNU	24
NNHuC	12	NjN	1
		NjTeaf	4

MICROSCOPY

NBC	6	NNU	7
NFQC	3	NjTeaf	5
NNCoCi			

PLANT ANATOMY

NFQC	3	NjTeaf	1
NNU	2		

MYCOLOGY

NBC	2	NNHuC	4
NFQC	3	NjTeaf	1
NNCoCi	4		

PLANT PHYSIOLOGY

NBC	1	NNU	1
NNCoCi	6		
NNHuC			

MOLECULAR BIOLOGY

NBC	4	NNHuC	2
NFQC	8	NjTeaf	2
NNCoCi	3		

REPRODUCTION

NBC	1	NNU	1
NFQC	1	NjTeaf	1
NNCoCi	3		

NATURAL HISTORY

NBC	6	NNHuC	1
NFQC	3	NNU	22
NNCoCi	11	NjN	1
		NjTeaf	4

VIROLOGY

NBC	3	NNHuC	3
NFQC	4	NNU	7
NNCoCi	12	NjTeaf	2

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

QH to QR--BIOLOGICAL SCIENCES (Continued)

ZOOLOGY

NBC	24	NNHuC	2
NFQC	27	NNU	37
NNCoCi	12	NjN	5
		NjTeaF	10

TOTALS

NBC	270	NNU	400
NFQC	317	NjMSC	93
NNCoCi	311	NjN	44
NNHuC	150	NjTeaF	216

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

R--MEDICINE

ALCOHOLISM

NBC	3	NNU	2	NBC	2	NNHuC	8
NNCoCi	1	NjN	1	NNCoCi	7	NjN	1
NNHuC	1	NjTeaf	2	NNCoCi	6	NjTeaf	14

ALLERGY

NNCoCi	3	NjTeaf	1	NBC	1	NjTeaf	1
NNCoCi	8			NNCoCi	8		

ANESTHESIA

NNCoCi	3	NjTeaf	11	NFQC	1	NNHuC	3
NNCoCi	8			NNCoCi	8	NNU	11
NNCoCi	9			NNCoCi	9	NjTeaf	

BIOMEDICAL ENGINEERING

NNCoCi	2	NNU	5	NFQC	1	NNHuC	3
NNCoCi	5	NjTeaf	11	NNCoCi	8	NNU	11
NNCoCi	9			NNCoCi	9	NjTeaf	

CANCER

NBC	5	NNHuC	6	NNCoCi	8	NjN	4
NFQC	5	NNU	2	NNHuC	7	MjTeaf	4
NNCoCi	8	NjTeaf	15	NNCoCi	9		

DENTISTRY

NBC	1	NjTeaf	415	NBC	2	NNU	3
NNCoCi	5			NNCoCi	3	NjN	2
NNCoCi	8			NNCoCi	9	NjTeaf	2

DERMATOLOGY

NNCoCi	4	NjTeaf	2	NFQC	1	NNHuC	5
NNCoCi	8			NNCoCi	2	NjTeaf	8

DRUG ABUSE

NFQC	9	NNU	1	NBC	35	NNHuC	22
NNHuC	6	NjTeaf	6	NBP	2	NNU	21
NNHuC	10			NFQC	24	NjMSC	53
NNCoCi	77			NNCoCi	77	NjN	37
NNCoCi	40			NNCoCi	40	NjTeaf	

EXPERIMENTAL MEDICINE

NBC	2	NNHuC	1	NBC	50	NNU	46
NNCoCi	6	NNU	3	NFQC	44	NjN	6
NNCoCi	8	NjTeaf	4	NNCoCi	18	NjTeaf	48
NNCoCi	14			NNHuC	14		

GASTROENTEROLOGY

NBC	1	NjTeaf	3	NBC	2	NNU	15
NNCoCi	5			NNCoCi	30	NjN	3
NNCoCi	10			NNHuC	35	NjTeaf	10

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

R--MEDICINE (Continued)

NUTRITION AND DIETETICS

STATE MEDICINE

NBC	9	NNHuC	13	NNCoCi	3	NNU	6
NBP	10	NNU	8				
NFQC	18	NjN	4	SURGERY			
NNCoCi	30	NjTeaf	8				
				NFQC	1	NNHuC	2
				NNCoCi	25	NNU	2
						NNTeaf	8
OPHTHALMOLOGY AND OPTOMETRY							
NBC	1	NNU	2				
NNCoCi	6						

TOXICOLOGY

OTORHINOLARYNGOLOGY

NNCoCi	3	NNU	5
		NjTeaf	3

NBC	3	NNCoCi	8				
NFQC	15	NNU	4	TROPICAL MEDICINE			
NNHuC	6	NjTeaf	1				

PATHOLOGY

NBC	1	NNU	3
NNCoCi	2		

NNCoCi	8	NNU	6	UROGENITAL SYSTEM			
NNHuC	1	NjTeaf	12				

PEDIATRICS

NNCoCi	5	NNU	3
NNHuC	1		

NBC	4	NNCoCi	13	TOTALS			
NFQC	1	NNHuC	7				
		NNU	7	NBC	150	NNHuC	172
		NjTeaf	4	NBP	12	NNU	204

PHARMACOLOGY AND THERAPEUTICS

NNCoCi	5	NNU	3
NNHuC	1	NjN	37
		NjTeaf	689

NBC	10	NNHuC	5				
NFQC	5	NNU	18				
NNCoCi	19	NjN	1				
		NjTeaf	22				

PUBLIC HEALTH AND PREVENTIVE MEDICINE

NBC	18	NNHuC	24
NFQC	12	NNU	21
NNCoCi	10	NjN	8
		NjTeaf	20

RADIOLOGY AND NUCLEAR MEDICINE

NNCoCi	9	NNU	9
NNHuC	1	NjTeaf	5

SPORTS MEDICINE

NNHuC	2
NNU	2

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

S--AGRICULTURE

AGRICULTURAL CHEMISTRY

NBC	1	NjN	3
NNHuC	2	NjTeaF	1

VETERINARY MEDICINE

NBC	1	NNCoCi	1
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TOTALS

AGRICULTURE IN GENERAL

NBC	1	NNE	6
NBP	2	NNHuC	1
NFQC	1	NNU	17
NNCoCi	2	NjN	5
		NjTeaF	12

NBC	13	NNHuC	10
NBP	3	NNU	27
NFQC	9	NjN	18
NNCoCi	12	NjTeaF	39
NNE	9		

CONSERVATION

NBC	2	NjN	7
NFQC	4	NjTeaF	20
NNHuC	6		

CROP PRODUCTION AND SOILS

NNCoCi	1	NjN	1
		NjTeaF	3

DAIRYING AND DAIRY PRODUCTS

NNCoCi	1		
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FISH CULTURE AND FISHERIES

NFQC	3	NNU	3
NNCoCi	3	NjTeaF	1

FORESTS AND FORESTRY

NBP	1	NNE	3
NNCoCi	1	NjN	2
NNHuC	1	NjTeaF	1

GARDENING AND HORTICULTURE

NNCoCi	3		
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PLANTS AND SOILS

NBC	1	NNU	1
		NjTeaF	1

POULTRY AND LIVESTOCK

NFQC	1		
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METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

T--TECHNOLOGY IN GENERAL
(Including UG and VM, Military and Naval Engineering)

HISTORY OF ENGINEERING AND
TECHNOLOGY

TOTALS

NNCoCi	1	NBC	3	NNHuC	3
		NBP	8	NNU	23
		NFQC	9	NjMSC	56
HUMAN ENGINEERING		NNCoCi	32	NjN	24
NBC	1	NNE	102	NjTeaf	20
NNCoCi	1				

INDUSTRIAL ENGINEERING AND
MANAGEMENT

NBP	3	NjN	4
NNCoCi	9	NjTeaf	5
NNE	54		

INDUSTRIAL SAFETY

NNCoCi	1	NjN	2
NNE	6	NjTeaf	1

METROLOGY AND STANDARDIZATION

NBP	3	NNE	7
NNCoCi	1	NjN	4
		NjTeaf	2

MILITARY AND NAVAL ENGINEERING

NFQC	1	NNE	1
NNCoCi	1	NjN	4

SHIPBUILDING

NNE	30	NjN	1
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TECHNOLOGY IN GENERAL

NBC	1	NNCoCi	16
NBP	2	NNHuC	3
NFQC	1	NNU	17
		NjMSC	56
		NjN	8
		NjTeaf	12

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

TA to TH--GENERAL ENGINEERING AND CIVIL ENGINEERING

BUILDING CONSTRUCTION

NBP	13	NNE	30
NNCoCi	2	NjN	4
NNHuC	1	NjTeaf	3

HYDRAULIC ENGINEERING

NBP	1	NNE	21
NNCoCi	3	NjN	1

CIVIL ENGINEERING

NBP	1	NNE	85
NNCoCi	3	NjN	5
		NjTeaf	3

MATERIALS OF ENGINEERING AND CONSTRUCTION

NBP	1	NNE	50
NNCoCi	2	NNU	10
		NjN	3
		NjTeaf	4

ENGINEERING IN GENERAL

NBP	8	NNU	28
NNCoCi	18	NjN	14
		NjTeaf	13

RAILROAD ENGINEERING AND OPERATION

NBP	1	NNU	1
NNCoCi	1	NjN	2
NNE	3	NjTeaf	1

ENGINEERING INSTRUMENTS

NBP	1	NjN	5
NNCoCi	4	NjTeaf	6

TOTALS

NBC	6	NNE	200
NBP	38	NNHuC	19
NFQC	9	NNU	64
NNCoCi	40	NjN	59
		NjTeaf	53

ENVIRONMENTAL ENGINEERING
INCLUDING ENVIRONMENTAL
POLLUTION

NBC	6	NNE	30
NBP	6	NNHuC	18
NFQC	9	NNU	18
NNCoCi	3	NjN	12
		NjTeaf	20

FIRE PREVENTION

NNCoCi	1	NNU	7
NNE	4	NjN	4
		NjTeaf	1

HEATING AND PLUMBING

NBP	2	NjN	4
NNCoCi	1	NjTeaf	1

HIGHWAY ENGINEERING AND ROADS
AND PAVEMENTS

NBP	1	NjN	5
NNCoCi	2	NjTeaf	1
NNE	21		

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

TJ to TL--MECHANICAL AND ELECTRICAL ENGINEERING

AEROSPACE ENGINEERING

NBP	3	NNE	35
NFQC	2	NNU	5
NNCoCi	3	NjN	11
NNHuC	1	NjTeaf	8

SOUND RECORDING AND REPRODUCTION

NBP	3	NNU	6
NNCoCi	2	NjN	2
		NjTeaf	2

TELECOMMUNICATION

COMPUTER TECHNOLOGY

NBC	1	NNE	55
NBP	1	NjN	3
NFQC	3		
NNCoCi	8		

NBP	1	NNU	5
NNCoCi	3	NjN	8
NNE	55	NjTeaf	5

TOTALS

ELECTRICAL AND ELECTRONICS
ENGINEERING

NBC	6	NNE	107
NBP	20	NNU	20
NFQC	4	NjN	22
NNCoCi	45	NjTeaf	32

NBC	9	NNE	411
NBP	35	NNHuC	1
NFQC	10	NNU	74
NNCoCi	86	NjN	64
		NjTeaf	77

MACHINERY

NBP	1	NjN	5
NNCoCi	4	NjTeaf	1
NNE	*		

* INCLUDED IN MECHANICAL
ENGINEERING

MECHANICAL ENGINEERING

NBP	3	NNU	10
NNCoCi	12	NjN	7
NNE	96	NjTeaf	19

MOTOR VEHICLES

NBP	3	NNU	2
NNCoCi	4	NjN	5
NNE	7	NjTeaf	2

NUCLEAR ENGINEERING AND ATOMIC
POWER

NBP	2	NNE	56
NFQC	1	NNU	26
NNCoCi	5	NjN	1
		NjTeaf	8

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

TN to TR--MINING, METALLURGY, CHEMICAL ENGINEERING AND TECHNOLOGY

ADHESIVES

NjN 1

PETROLEUM REFINING AND PRODUCTS

NNCoCi 3
NNE 15

NjN 9
NjTeaF 4

CERAMICS

NFQC 1
NNCoCi 2

NNU 1
NjN 4
NjTeaF 3

PHOTOGRAMMETRY

NNE 14
NNHuC 2

CHEMICAL ENGINEERING

NBC 9
NBP 11
NFQC 4
NNCoCi 16

NNE 58
NNHuC 2
NNU 33
NjN 10
NjTeaF 7

PHOTOGRAPHY

NBC 1
NNE 7
NNHuC 10

NNU 13
NjN 1
NjTeaF 5

PLASTICS AND PLASTICS MANUFACTURE

CLEANING AND DYEING

NjN 1

NBP 3
NNCoCi 8
NNE 35

NjN 5
NjTeaF 4

FOOD PROCESSING AND MANUFACTURE

NBC 2
NBP 2
NFQC 5
NNCoCi 2

NNE 2
NNHuC 3
NNU 1
NjN 2
NjTeaF 2

REFRIGERATION

NNCoCi 2
NNE 7

NjN 2
NjTeaF 1

TOTALS

NBC 13
NBP 16
NFQC 14
NNCoCi 58

NNE 330
NNHuC 17
NNU 65
NjN 71
NjTeaF 30

METALLURGY

NFQC 4
NNCoCi 5
NNE 99

NNU 15
NjN 20
NjTeaF 4

PAINTS AND PROTECTIVE COATINGS

NBP 1
NNCoCi 2
NNE 4

PERFUMES AND COSMETICS

NjN 2

METRO CENSUS OF SCIENTIFIC AND TECHNICAL PERIODICALS

TS to TX--MANUFACTURING, BEAUTY CULTURE AND HOME ECONOMICS

BEAUTY CULTURE

NjN 1

HOME ECONOMICS

NBC	4	NNU	16
NFQC	12	NjN	1
NNHuC	6	NjTeaf	4

HOTELS AND RESTAURANTS

NFQC	1	NjN	1
NNU	8		
NNHuC	1		

LEATHER AND FUR INDUSTRIES

NjN 1

PACKAGING

NBP	2	NjN	1
NNE	3	NjTeaf	2

PAPER

NNE	7	NjN	1
NNHuC	1	NjTeaf	1

PRODUCTION MANAGEMENT

NNE	*	NjN	7
NNU	1	NjTeaf	4

* INCLUDED UNDER INDUSTRIAL
ENGINEERING AND MANAGEMENT

RUBBER INDUSTRY

NNE 17 NjN 1

TEXTILE INDUSTRIES AND FABRICS

NFQC	6	NNU	3
NNE	12	NjN	5
		NjTeaf	2

WELDING

NBP	2	NjN	3
NNE	30	NjTeaf	1

WOOD AND WOOD TECHNOLOGY

NNE 2 NjTeaf 1

TOTALS

NBC	4	NNE	78
NFQC	4	NNHuC	7
NNU	29	NjMSC	59
NjN	23	NjTeaf	15

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